



PATIENT

Guiness Werkman

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

11 years

WEIGHT

60.4 lbs

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP (CFM), Cert.
 IVUSS, CEO of
 SonoPath.com

IMAGING PERFORMED BY

Vincent Ravancho

HOSPITAL NAME

Livingston AH

REFERRING VET

Dr. Messina

INVOICE

70006

DATE

1/12/26

PRESENTING CLINICAL SIGNS

History: Mild non-reg anemia. Lost 15.6# since last exam in 6/2025 Clinical findings: Mild to moderate sarcopenia. Pain L coxofemoral joint, multiple SQ masses on body. Puncture wound and cellulitis present. Current medications: Galliprant 60 mg 1 tabq24hr, Gabapentin 300mg 1 cap q12hrs. Incurin 1/2 tab q24hrs. Levothyroxine 0.5 mg 1/2 tab q12hrs.
 Abnormal PE/Chem/CBC/UA Results: HCT- 39.3% - trending downward HGB -13.3 MCH - 20.8 Retic - 26 Retic HOB - 22.2 BUN - 8 T4 - 4.9 Cancer Dx performed - not consistent with lymphoma

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.0 cm. The right kidney measured 6.32 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.27 x 0.6 cm at the cranial pole and 0.72 cm at the caudal pole. The right adrenal gland measured 1.3 x 0.7 cm at the cranial pole and 0.4 cm at the caudal pole.

Spleen

The **spleen** was slightly enlarged and folded upon itself. Minor, heterogenous parenchymal changes were noted. There was no significant disruption of architecture or masses.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



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infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

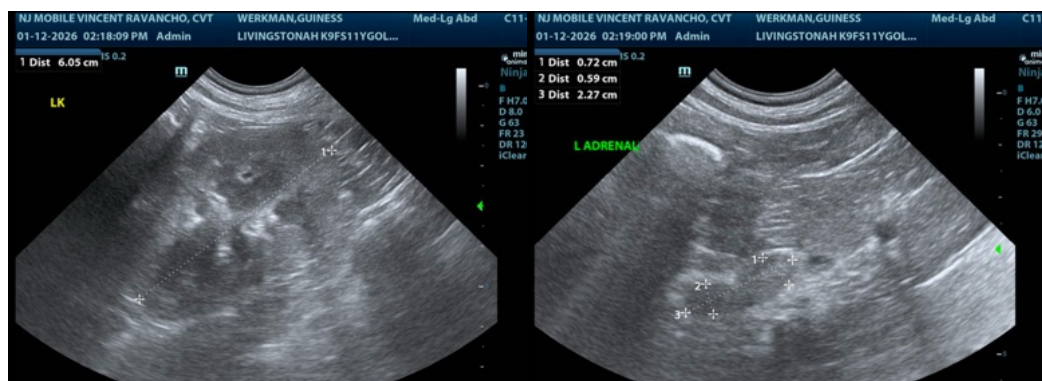
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Minor splenomegaly with hyperplasia pattern. Potential for emerging round cell neoplasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA of the spleen would be ideal for further definition.





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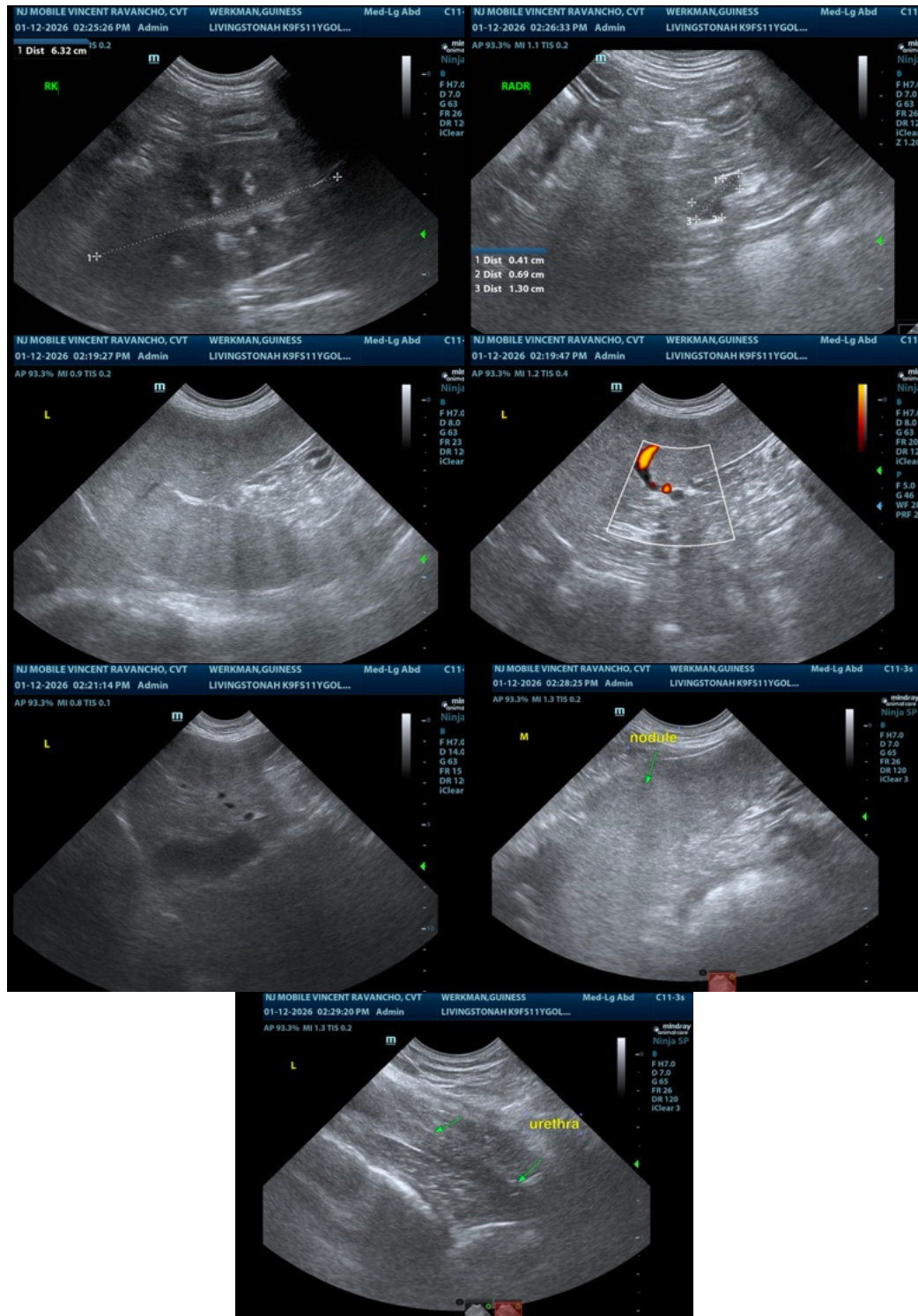
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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